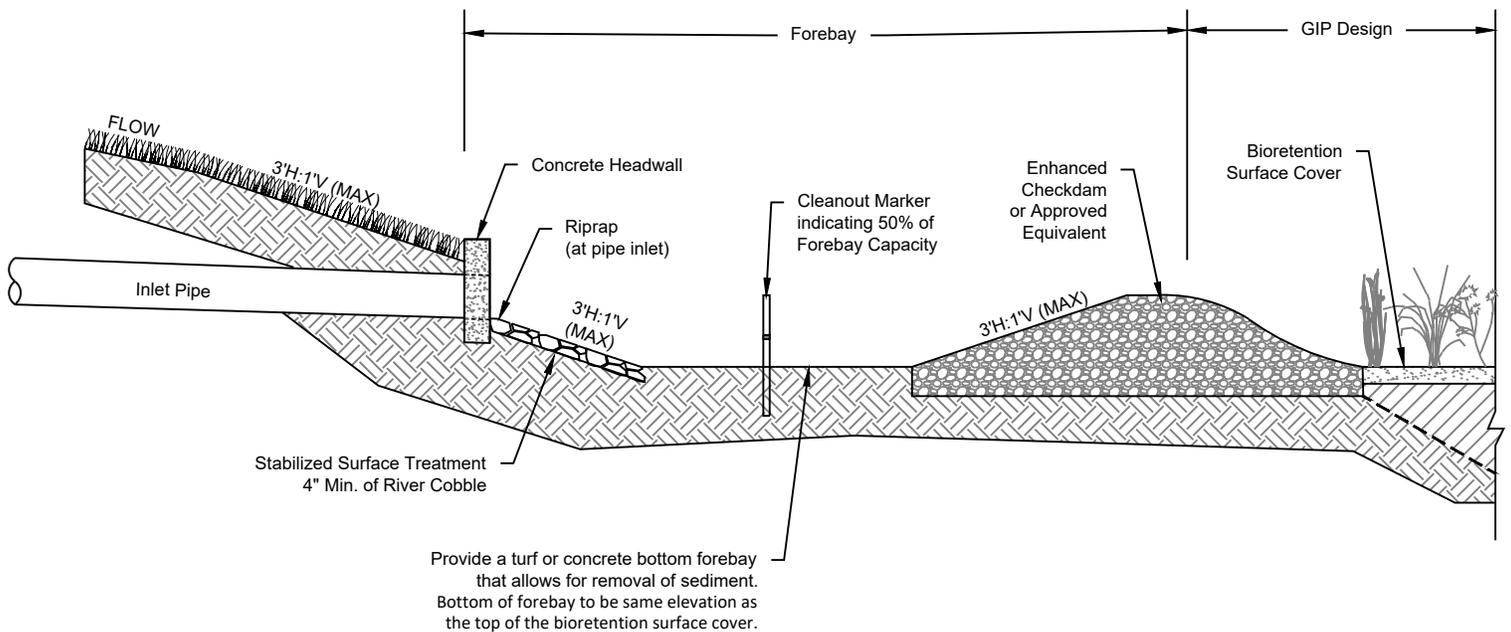


# GIP - 00 FOREBAY

Forebay Number :		
	Design	As-Built
Top of Bank Elevation		
Top of Check Dam		
Bottom of Forebay		
Surface Area, SF		
Pretreatment Volume, CF		
<b>All elevations shall be NAVD88</b>		



## DETAIL NOTES:

- The main goal of pretreatment filtering is to capture floatables, debris, grease, oils, silt and sediment where they can be easily cleaned at the surface of the GIP through regular maintenance, and before they have the opportunity to clog the practice.
- When concentrated flow is directed at a GIP through curb turnouts or pipe outlets, a sediment forebay shall be used to allow material to be captured where it can be easily cleaned.
- A sediment forebay shall be designed so that it is integrated into the GIP.
- Direct maintenance access to the forebay must be provided.
- Exit velocities from the forebay must be non-erosive. Velocities over the weir shall be provided. If high runoff velocity is a potential problem, some type of energy dissipation device must be incorporated.
- Sediment removal in the forebay shall occur in accordance with the long-term maintenance plan.
- A fixed vertical sediment depth marker shall be installed in the forebay to measure sediment deposition over time. The marker shall be made of durable, non-corroding material (not steel). The elevation at which sediment removal is required shall be marked with a line in contrasting color or shade.
- All disturbed areas must be immediately stabilized after construction to minimize erosion.